

1 **CONTINUOUS IN-LINE PROCESS FOR MAKING INK-JET**
2 **RECORDING MEDIA COMPRISING A RADIATION-CURED COATING**
3 **LAYER**

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5 **ABSTRACT OF THE DISCLOSURE**

6 Ink-jet recording media and continuous in-line process for manufacturing
7 such media are provided. The media can be printed with ink-jet printers to form
8 images having good color density, brilliance, and resolution. The ink-jet recording
9 media include a paper substrate coated on one surface with a radiation-curable
10 composition and an ink-receptive composition. The back surface of the paper may
11 be coated with a polymeric coating to reduce curl and improve dimensional
12 stability. The media have a water vapor transmission rate of no greater than 12
13 grams / 100 square inches / 24 hours and preferably have a surface gloss of at least
14 70.